APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS


```
AAGCTTGCAT GCCTGCAGGT CAACATGGTG GAGCACGACA CACTTGTCTA CTCCAAAAAT     60
******
ATCAAAGATA CAGTCTCAGA AGACCAAAGG GCAATTGAGA CTTTTCAACA AAGGGTAATA    120
TCCGGAAACC TCCTCGGATT CCATTGCCCA GCTATCTGTC ACTTTATTGT GAAGATAGTG    180
GAAAAGGAAG GTGGCTCCTA CAAATGCCAT CATTGCGATA AAGGAAAGGC CATCGTTGAA    240
GATGCCTCTG CCGACAGTGG TCCCAAAGAT GGACCCCCAC CCACGAGGAG CATCGTGGAA    300
AAAGAAGACG TTCCAACCAC GTCTTCAAAG CAAGTGGATT GATGTGTCAA CATGGTGGAG    360
CACGACACAC TTGTCTACTC CAAAAATATC AAAGATACAG TCTCAGAAGA CCAAAGGGCA    420
ATTGAGACTT TTCAACAAAG GGTAATATCC GGAAACCTCC TCGGATTCCA TTGCCCAGCT    480
ATCTGTCACT TTATTGTGAA GATAGTGGAA AAGGAAGGTG GCTCCTACAA ATGCCATCAT    540
TGCGATAAAG GAAAGGCCAT CGTTGAAGAT GCCTCTGCCG ACAGTGGTCC CAAAGATGGA    600
CCCCCACCCA CGAGGAGCAT CGTGGAAAAA GAAGACGTTC CAACCACGTC TTCAAAGCAA    660
GTGGATTGAT GTGATATCTC CACTGACGTA AGGGATGACG CACAATCCCA CTATCCTTGC    720
AAGACCCTTC CTCTATATAA GGAAGTTCAT TTGGAGAGGA CCTCGAGAAT TCTCAACACA    780
ACATATACAA AACAAACGAA TCTCAAGCAA TCAAGCATTC TACTTCTATT GCAGCAATTT    840
AAATCATTTC TTTTAAAGCA AAAGCAATTT TCTGAAAATT TTCACCATTT ACGAACGATA    900
GCCATGGAAG GGGGAATTCG CAAGGTTCAA AGGGCAGAAG GTCCAGCAAC TGTATTGGCA    960
++++++
ATTGGAACAG CAAATCCACC GAACTGTATT GATCAGAGTA CATATGCAGA TTATTATTTT   1020
AGAGTAACCA ATAGCGAACA CATGACTGAT CTCAAGAAGA AATTTCAGCG CATCTGTGAG   1080
AGAACACAGA TCAAGAACAG ACATATGTAC TTAACAGAAG AGATACTAAA AGAAAATCCT   1140
AACATGTGTG CATACAAGGC ACCGTCATTG GATGCAAGAG AAGACATGAT GATCAGGGAG   1200
GTACCAAGAG TTGGAAAAGA GGCTGCAACC AAGGCCATCA AGGAATGGGG CCAGCCAATG   1260
TCTAAGATCA CACATTTGAT CTTCTGCACC ACCAGCGGCG TTGCGTTGCC TGGCGTTGAT   1320
TACGAACTCA TCGTACTTTT AGGGCTGGAC CCATGCGTCA AGAGGTACAT GATGTACCAC   1380
CAAGGTTGCT TCGCTGGTGG CACTGTCCTT CGTTTGGCTA AGGACTTGGC TGAAAACAAC   1440
AAGGATGCTC GTGTACTTAT CGTTTGTTCT GAGAATACCG CAGTCACTTT CCGCGGTCCT   1500
AGTGAGACAG ACATGGATAG TCTTGTAGGA CAAGCATTGT TTGCCGATGG AGCTGCTGCG   1560
ATTATCATTG GTTCTGATCC TGTGCCAGAG GTTGAGAAGC CTATCTTTGA GCTTGTTTCG   1620
ACCGATCAAA AACTTGTCCC TGGCAGCCAT GGAGCCATCG GTGGTCTCCT TCGTGAAGTT   1680
GGACTTACAT TCTATCTTAA CAAGAGTGTT CCTGATATTA TTTCGCAAAA TATCAATGAC   1740
GCGCTCAATA AAGCTTTTGA TCCATTGGGT ATTTCTGATT ATAACTCAAT ATTTTGGATT   1800
GCACATCCTG GTGGGCGTGC AATTTTGGAC CAGGTTGAAC AGAAGGTGAA CTTGAAGCCA   1860
GAGAAGATGA AAGCCACTAG AGATGTGCTT AGCAATTATG GTAACATGTC AAGTGCCTGT   1920
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SUBSTITUTE SHEET (RULE 26)

FIG. 1A

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS | WO 00/44921


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GTGTTCTTCA TTATGGATTT GATGAGGAAG AGGTCTCTTG AAGAAGGACT TAAAACTACC  1980
GGAGAAGGAC TTGATTGGGG TGTGCTTTTT GGCTTTGGTC CTGGTCTCAC TATTGAAACT  2040
GTCGTTCTCC GCAGTGTGGC CATATAATGC ACTTAATTAT GCATATATGC GATTGTGTTA  2100
TTTTTTAATA ATTTTCTTTG GCTCTAAAAT AAGCTAAGGT GCTGAATGGC TCATATATTA  2160
TTAGATGAGT GAAAAATTAA AAAAAGATGT CCAAAGTTAA TTCTTTATGC AAACATCATT  2220
CAATATCAAA GTCTGTAATT GTTAGTAAAA AATTATATCA AATTCTTTTC AATCGAGCAG  2280
CATAACACAT GCCTTTATTG ATTGGGTTGT AATTTAAGTC TGATTGCACT GTGCACAACA  2340
TTTCAAAAGT ATATGTCTCC TATTCTCAAT CATATGAAAC CGTTTGAGTA CACAGCATTT  2400
TTTGATAGGG TTGGTGATTT TGATTTGTTA GATTAGTTTG TTAGGGTTTG GTTTTTTATT  2460
TTTAGGGAAT TTTTATTCTA ATTTAAATAT ACTGATTTTT AGGGATTTTT GTATCTTAAA  2520
TATATGAGAG AAAAAAGTGA GACGTTAATT TCTAAAAAAA CGAGGTGCTA ATTTGGTTCG  2580
AACAAAACTT TGGAGAATCA ATTTGAATTA CATATGTGAA GTTTGATAAA TTATTTTGGC  2640
TATTTACTCA TAAAAAGTTA TTAAATGTGT AGTTGTATTT AACATTTTTT TTATTAACAA  2700
CGGGGTTTAA TGGTAAAAGA AAAATAAACT AAAAGACAAT ACTTGAAAAT GAGATACCGA  2760
TAAAATCAGC ATGAAGACGA AGAGAAGTAC AAAAGGATAA ATTAATGAAT TTACATTATT  2820
CATACTAAGG TAATATATTT ATTGATGGGG ATCCTCTAGA GTCCGCAAAA ATCACCAGTC  2880
TCTCTCTACA AATCTATCTC TCTCTATTTT TCTCCAGAAT AATGTGTGAG TAGTTCCCAG  2940
ATAAGGGAAT TAGGGTTCTT ATAGGGTTTC GCTCATGTGT TGAGCATATA AGAAACCCTT  3000
AGTATGTATT TGTATTTGTA AAATACTTCT ATCAATAAAA TTTCTAATTC CTAAAACCAA  3060
AATCCAGTGA CCTGCAGGCA TGCAAGCTT                                    3089
```

FIG. 1B

SUBSTITUTE SHEET (RULE 26)

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS | WO 00/44921

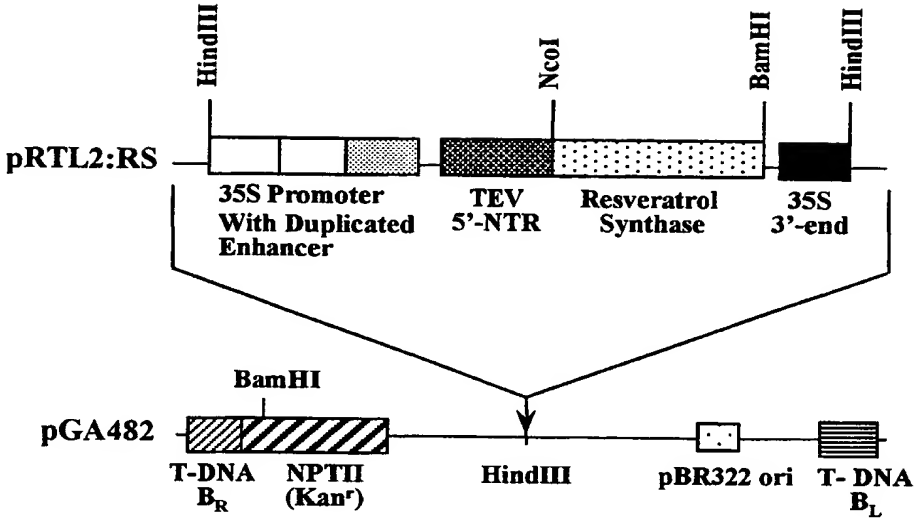

FIG. 2

SUBSTITUTE SHEET (RULE 26)

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS | WO 00/44921

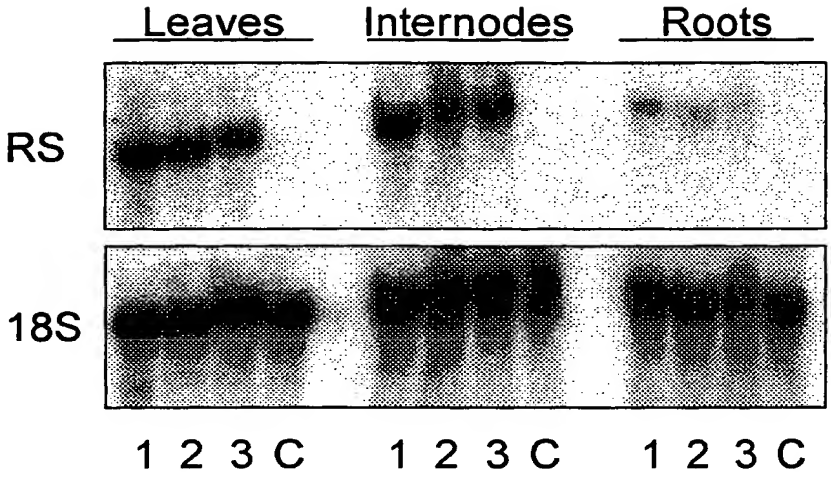

FIG. 3A

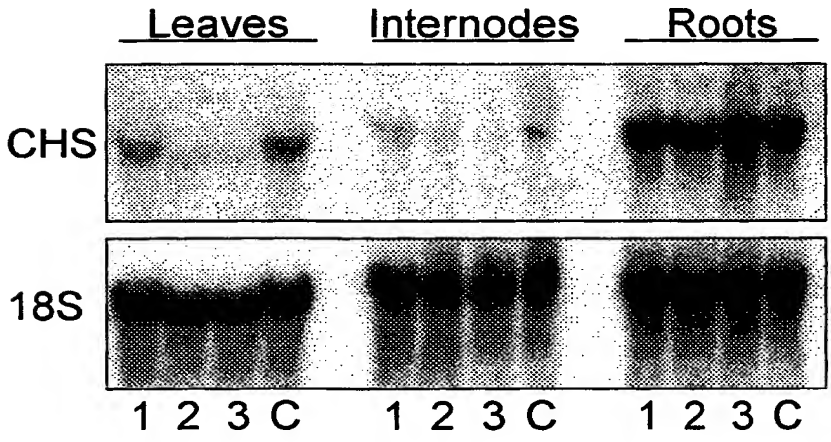

FIG. 3B

PCT/US00/02366 09/890132

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS

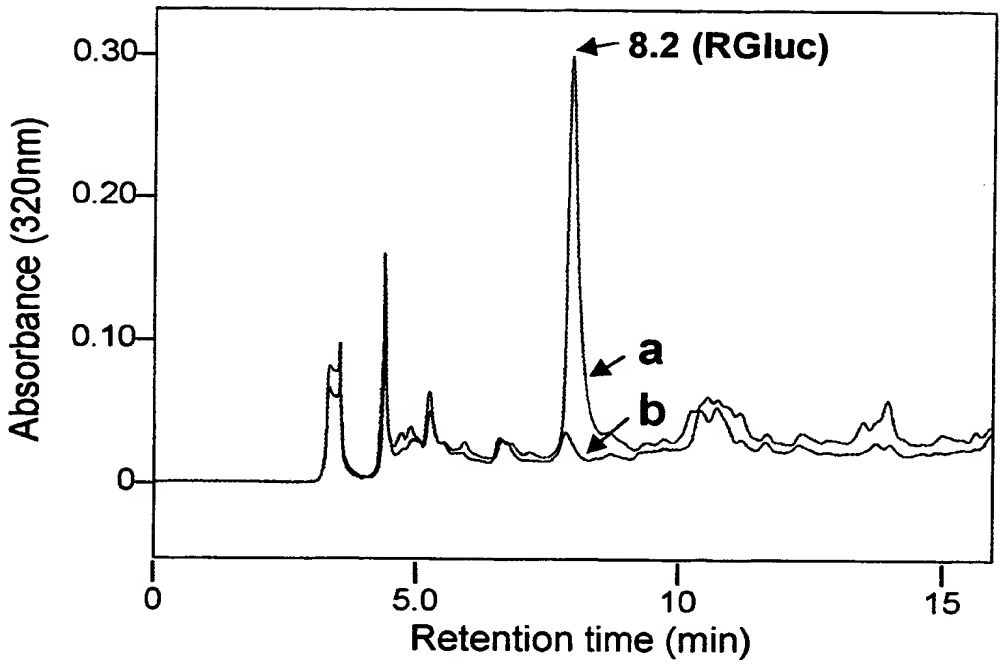

FIG. 4

APPROVED BY DRAFTSMAN
O.G. FIG.
CLASS SUBCLASS

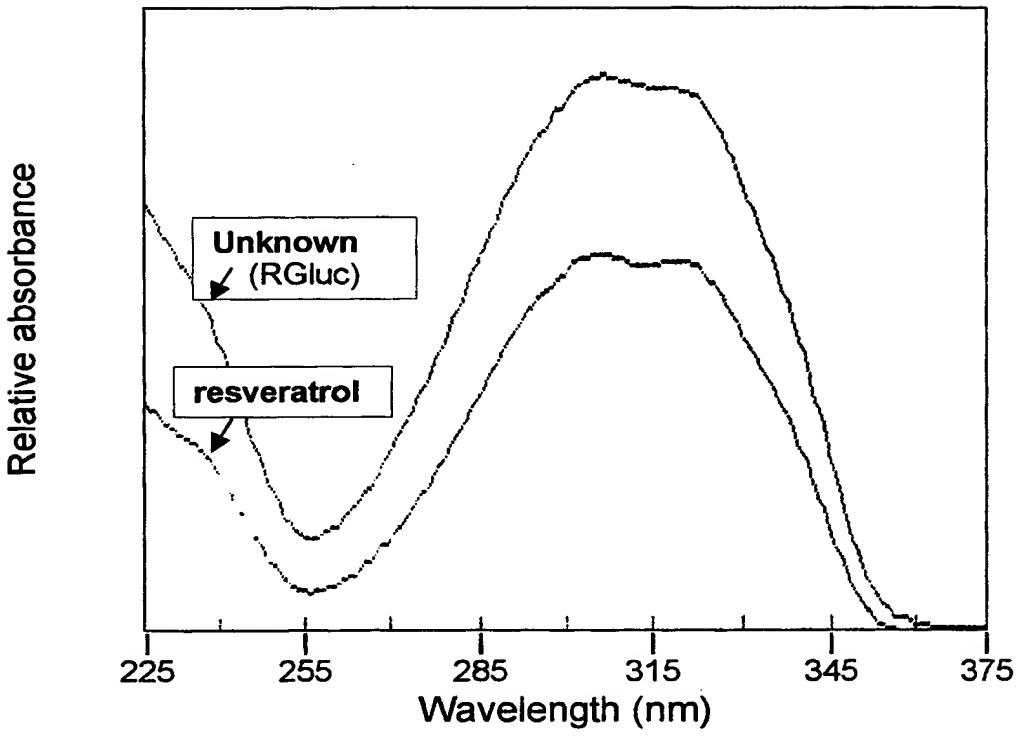

FIG. 5

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

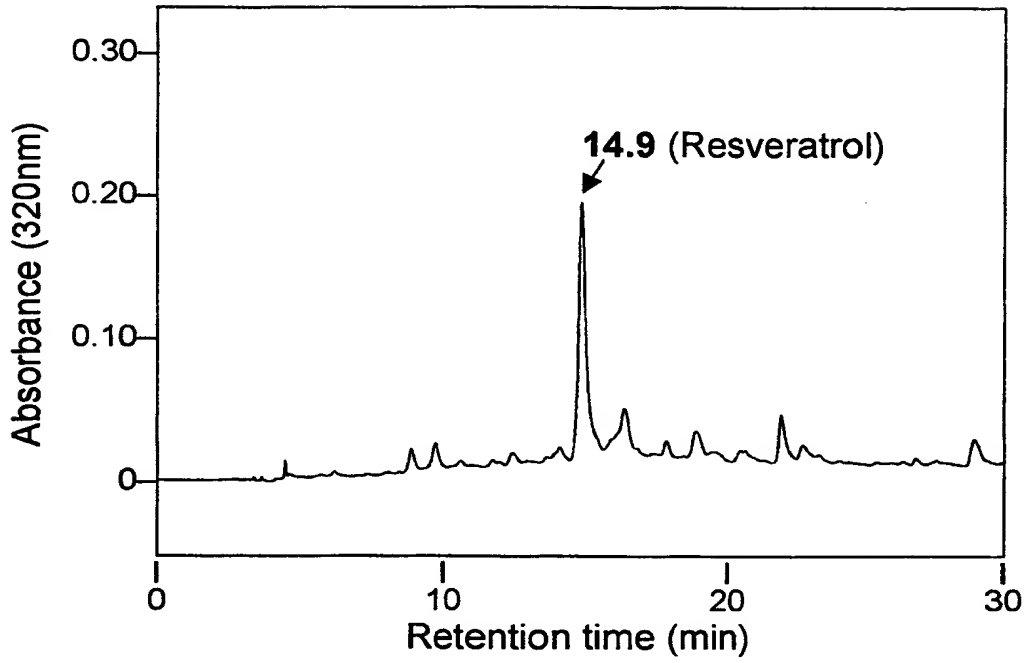

FIG. 6

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

WO 00/44921

09/890167

PCT/US00/02366

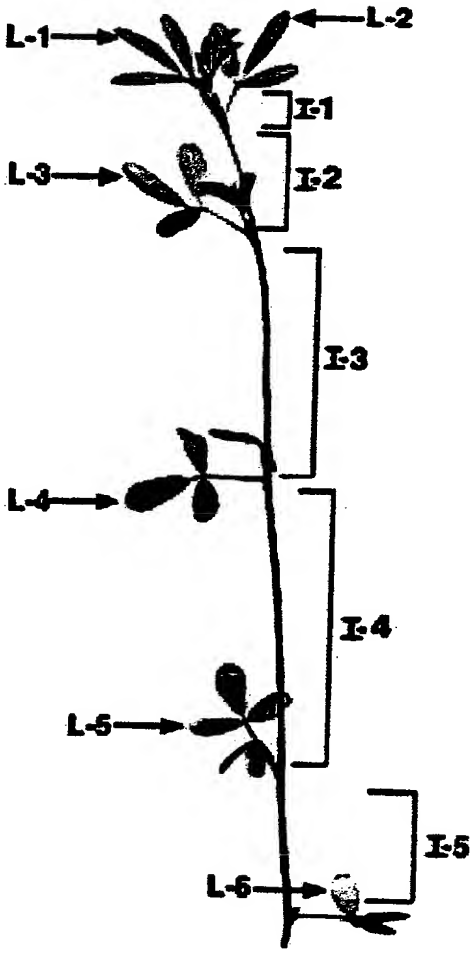

FIG. 7

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS | WO 00/44921

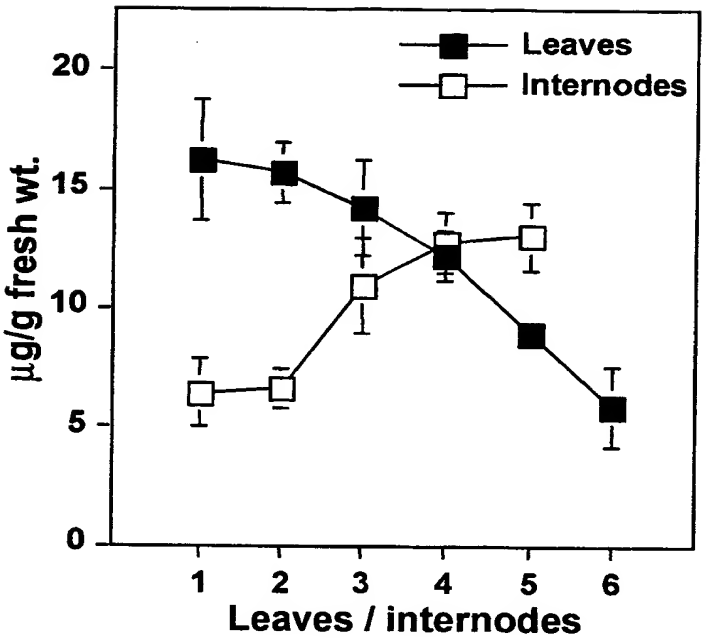

FIG. 8

SUBSTITUTE SHEET (RULE 26)

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS | WO 00/44921

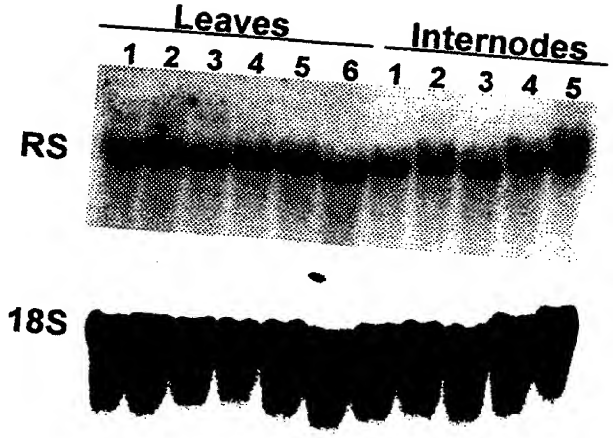

FIG. 9

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS | WO 00/44921

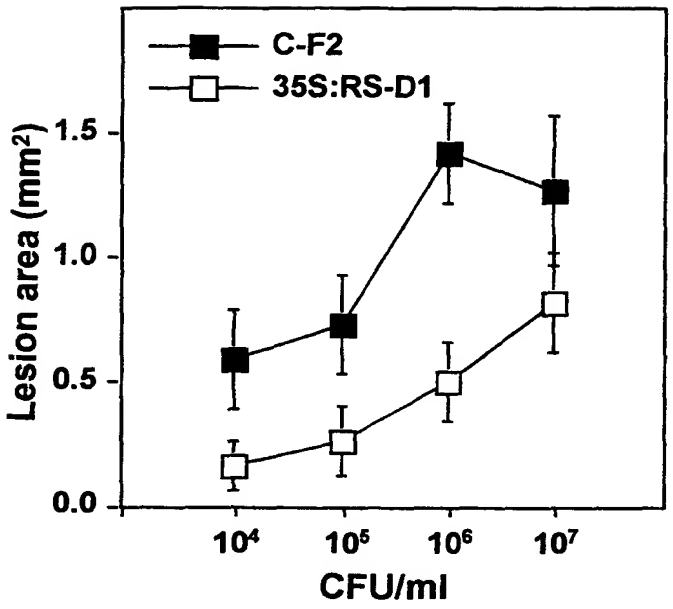

FIG. 10

WO 00/44921 PCT/US00/02366

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS | WO 00/44921

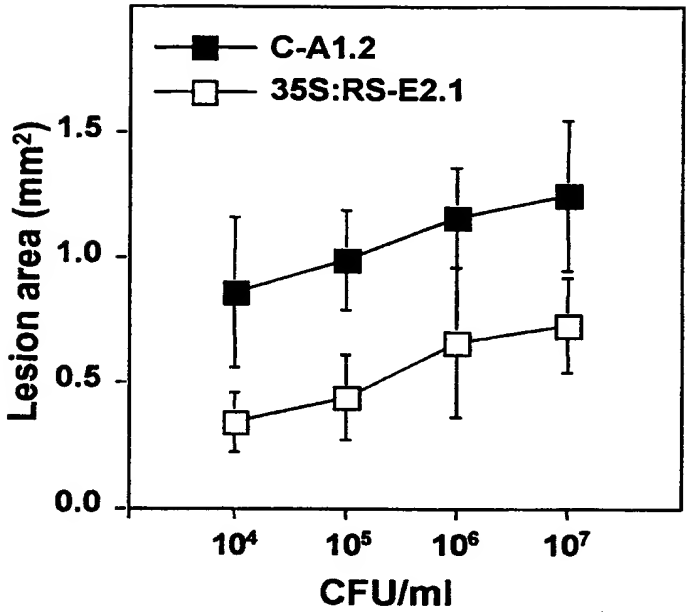

FIG. 11

Replacement Sheet

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS WO 00/44921 | SUBCLASS

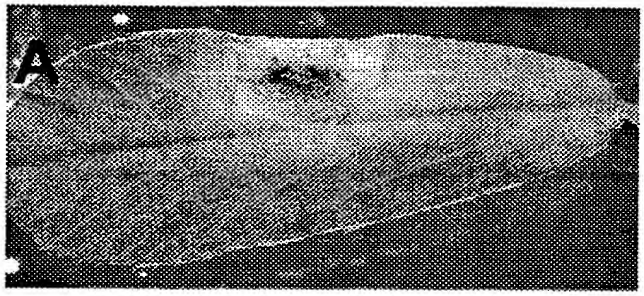

FIG. 12A

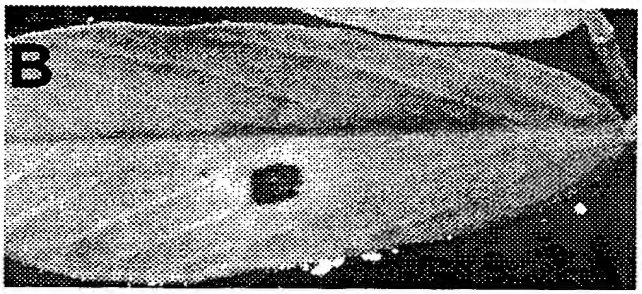

FIG. 12B

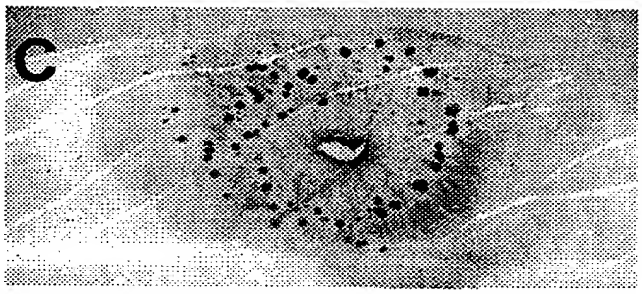

FIG. 12C

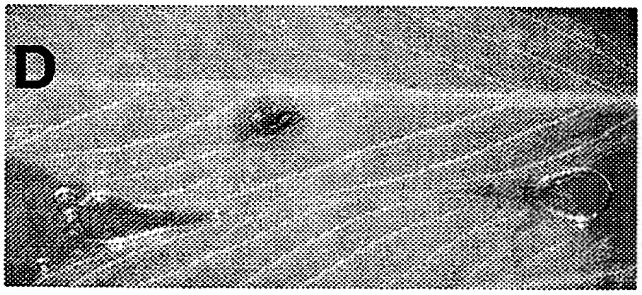

FIG. 12D

09890167 - 022201

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS | WO 00/44921

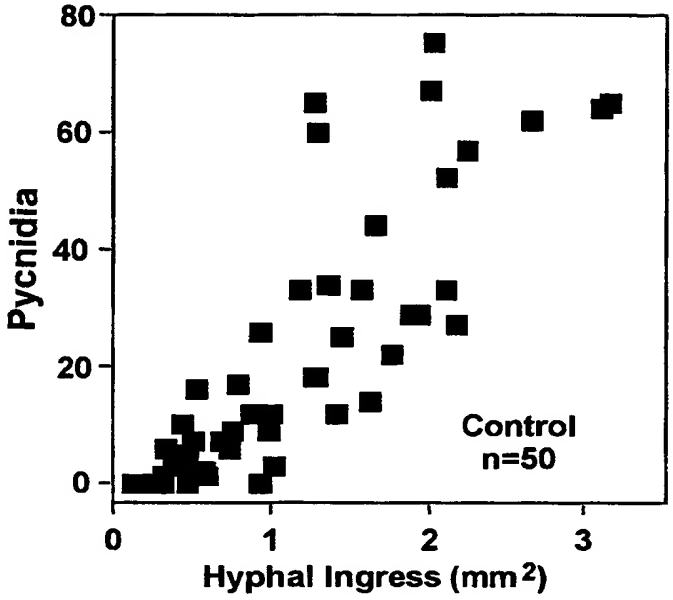

FIG. 13A

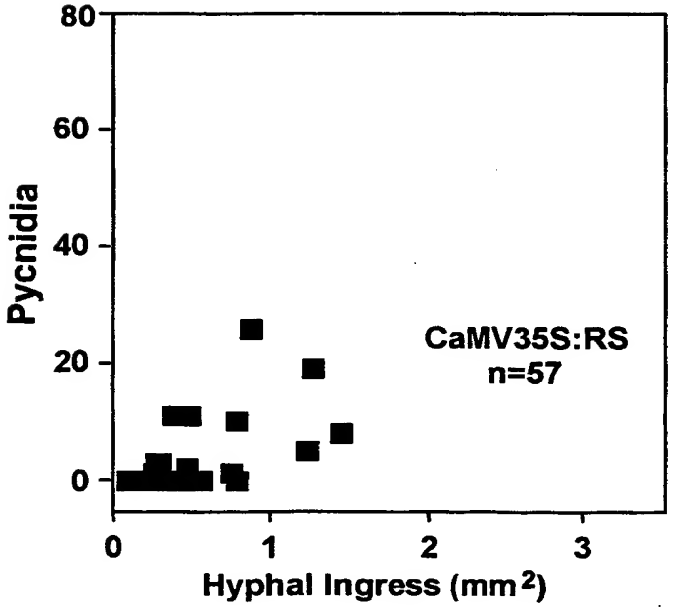

FIG. 13B

WO 00/44921 PCT/US00/02366

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS | WO 00/44921

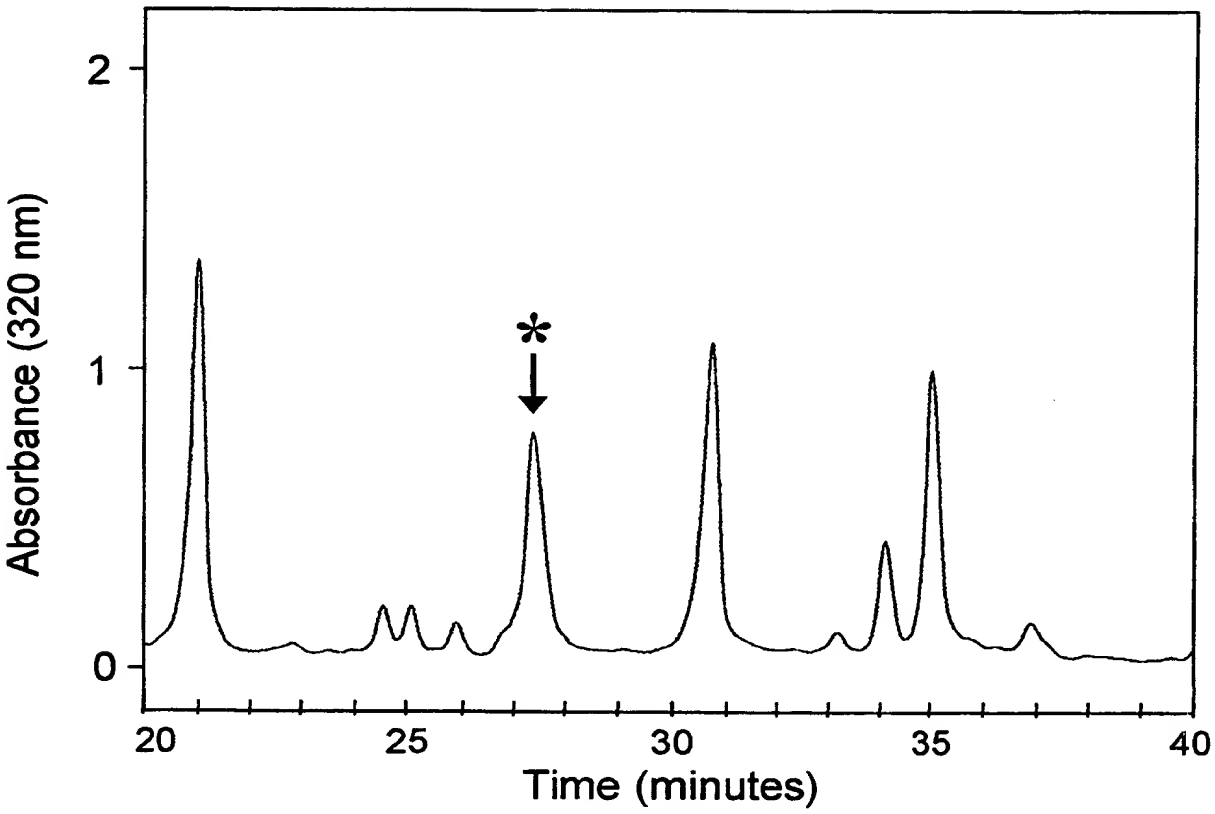

FIG. 14

APPROVED BY DRAFTSMAN
C.G. FIG.
CLASS SUBCLASS
WO 00/44921

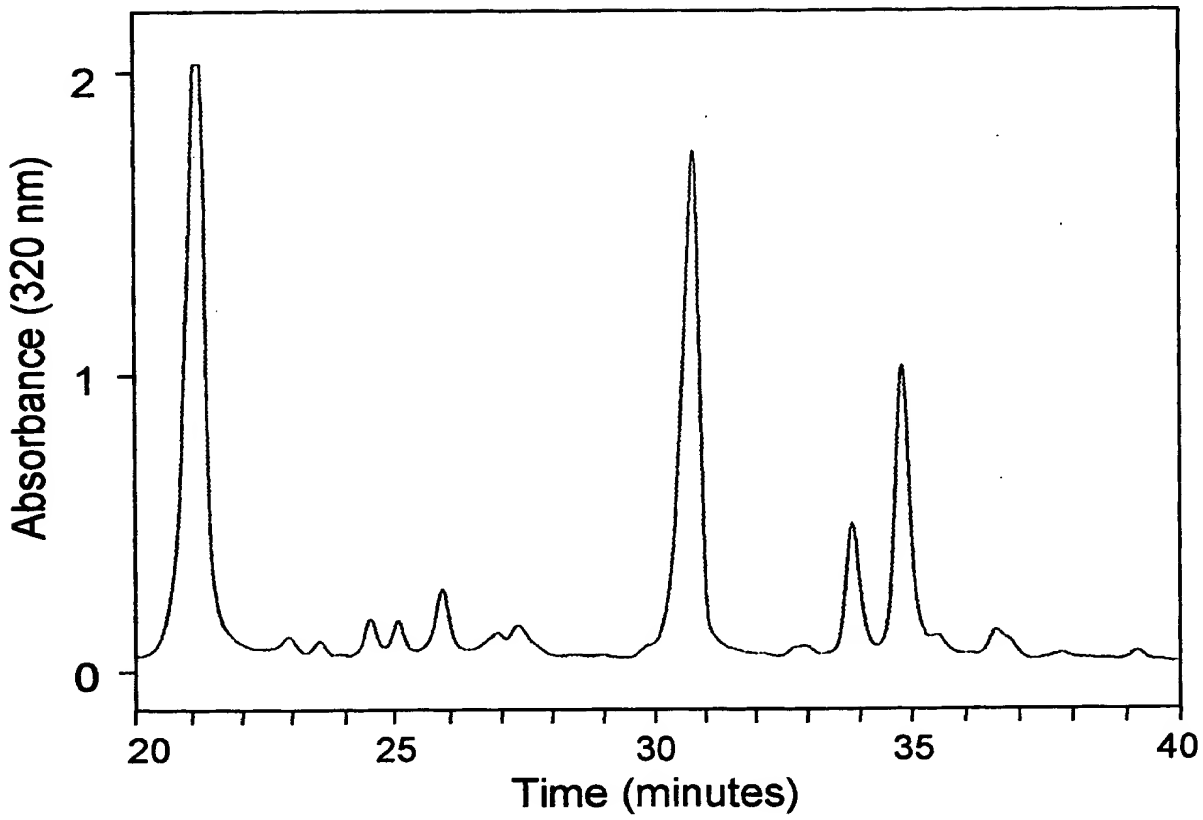

FIG. 15

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

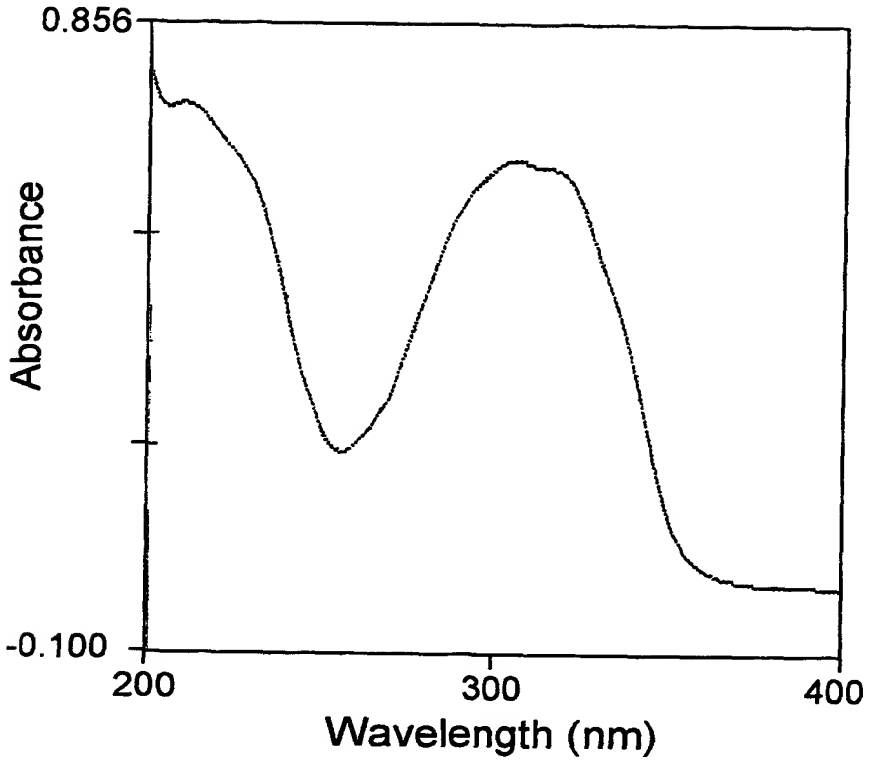

FIG. 16

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS | WO 00/44921

09/890167
PCT/US00/02366

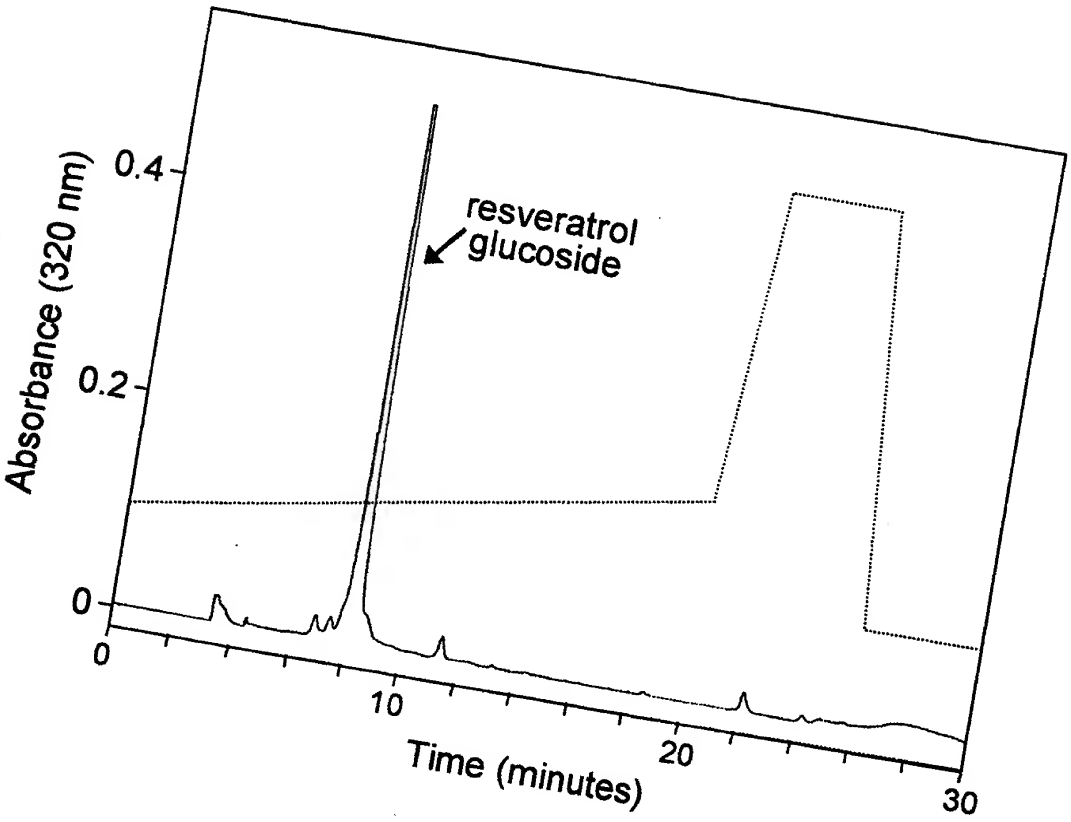

FIG. 17

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS | WO 00/44921

09/890167
PCT/US00/02366

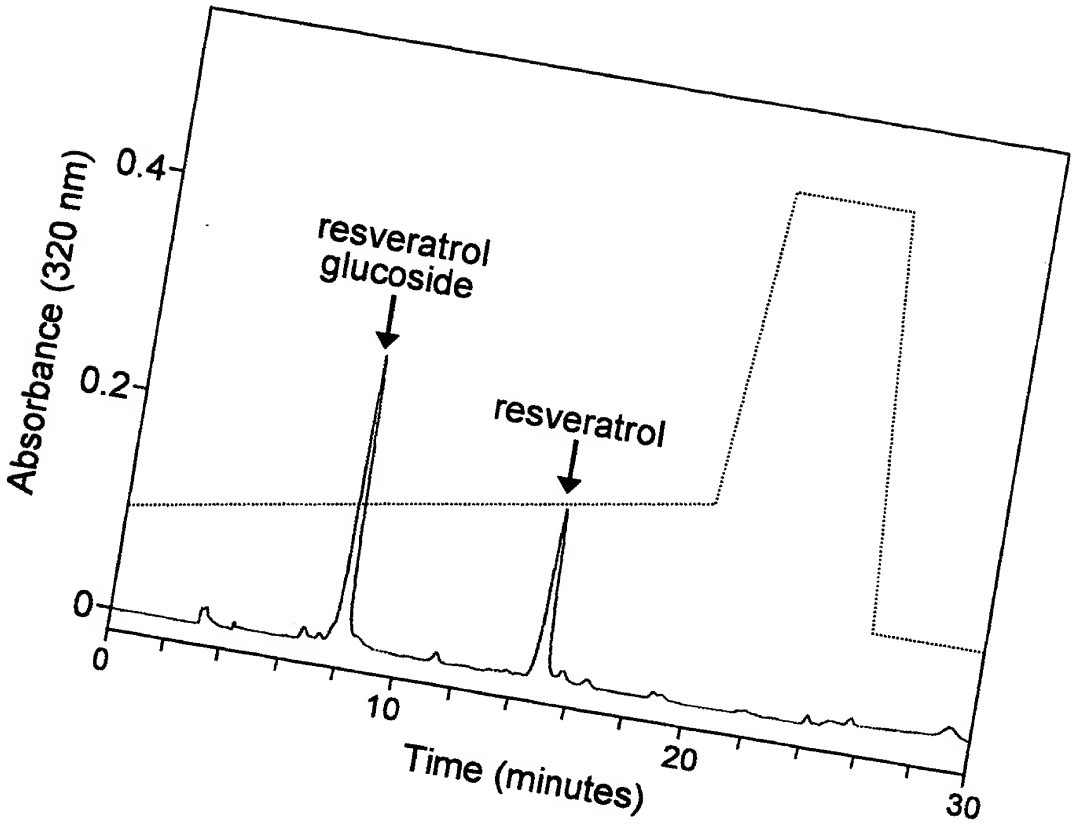

FIG. 18